

How Does Drug Discovery Laboratories Work?

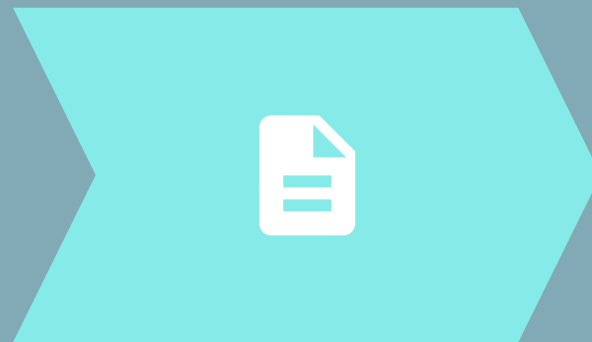
Drug discovery has emerged as one of the most vital industries in recent times. **Drug discovery services** encompass the processes through which new drugs are effectively discovered or identified for diseases or clinical conditions that don't currently have any suitable treatment.

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WHAT ARE THE STAGES OF DRUG DESIGNING?

The **integrated drug discovery** incorporates multiple scientific fields including biology, biochemistry, medicinal chemistry, pharmacology and more.

1. Discovery



drug discovery laboratories identify potential new therapeutic entities

2. Characterization



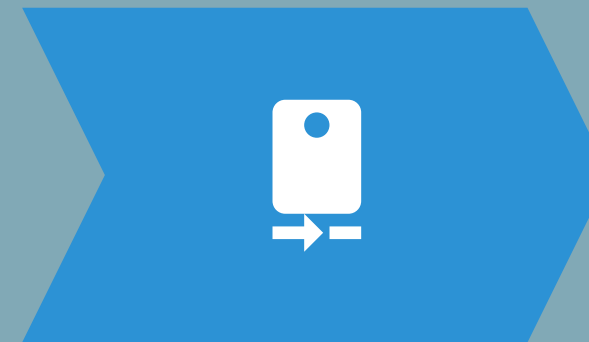
characterized on the basis of parameters like molecule's size, shape, strengths and weaknesses

3. Stability



Scientists at drug discovery laboratories determine the drug's stability in the formulation.

4. Drug Disposition



Disposition refers to what happens to the drug after it enters the body.

5 - Clinical Trials



Clinical trials are done on the selected group of people to evaluate the effects of new drugs on human health outcomes.

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